

Service Location	Received	Lab ID
PACE ANALYTICAL SERVICES, INC. 7901 W. MORRIS ST.	03-OCT-13	A997179
INDIANAPOLIS, IN 46231 (317)243-8304	Completed 16-OCT-13	PO Number BI-WEEKLY DUKE
	Printed	Sampled
	17-OCT-13	03-OCT-13 10:55

ROBIN FELLER

JRM ENVIRONMENTAL

P.O. BOX 926

BROWNSBURG, IN 46112-0926

**Bill To** 

**ROBIN L FELLER** 

JRM ENVIRONMENTAL INC

PO BOX 926

BROWNSBURG, IN 46112

#### **Sample Description**

CLIENT ID: FIELD BLANK

MATRIX TYPE: NON-SPECIFIC WATER SUBMITTER: 9826 - JRM ENVIRONMENTAL

DATA PACKAGE #: N/A

LOCATION: DUKE EDWARDSPORT PROJECT: LOW LEVEL MERCURY

LOW LEVEL MERCURY PREP EPA 1631 REV. E					NELAC:Y
Analyst: W. WATNESS Analysis Date: 04-OCT-13 13:00 Instrument: PREP			nt: PREP	Test: P131.3.0	
Parameter		Result		Det. Limit	Units
INITIAL WEIGHT OR VOLUME		50			mL
FINAL VOLUME		50			mL

MERCURY IN WATER BY OXIDATION, PURGE & TRAP, AND CVAFS EPA 1631 REV. E						NELAC:Y
Analyst: W. WATNESS Prep: LOW LEVEL MERCURY PREP EPA 1631 REV. E P131.3.0	•	Pate: 15-OCT-13 08:14	Instrume	nt: CVAA		Test: M420.3.0
Parameter		Result		Det. Limit		Units
MERCURY		BDL			0.50	ng/L
METHOD BLANK		< 0.5				ng/L

### Sample Comments

< Less Than

**BDL** Below Detection Limit

Sample was not received on ice at temperature 26.6 C.

Sample chain of custody number 087363.

This Certificate shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested or to the sample as received by the lab. Pace Analytical Services, INC. certifies that the test results indicated as NELAP (National Environmental Laboratory Accreditation Program) accredited (Yes for NELAP) meet all requirements of NELAP and Kansas (KDHE) unless otherwise explained or justified as to the the exact nature of the deviations.

KS ELAP / NELAP Accreditation # E-10177 Indiana SDWA C-49-01

Karen L. Fullmer

Approved by: KAREN FULLMER 17-OCT-13



Service Location	Received	Lab ID	1
PACE ANALYTICAL SERVICES, INC. 7901 W. MORRIS ST.	03-OCT-13	A997180	ı
INDIANAPOLIS, IN 46231 (317)243-8304	Completed 16-OCT-13	PO Number BI-WEEKLY DUKE	
	Printed	Sampled	ı
	17-OCT-13	03-OCT-13 11:20	

Report To

ROBIN FELLER

JRM ENVIRONMENTAL

P.O. BOX 926

**BROWNSBURG, IN 46112-0926** 

Bill To

ROBIN L FELLER

JRM ENVIRONMENTAL INC

PO BOX 926

BROWNSBURG, IN 46112

**Sample Description** 

CLIENT ID: OUTFALL 002

MATRIX TYPE: NON-SPECIFIC WATER SUBMITTER: 9826 - JRM ENVIRONMENTAL

DATA PACKAGE #: N/A

LOCATION: DUKE EDWARDSPORT PROJECT: LOW LEVEL MERCURY

LOW LEVEL MERCURY PREP EPA 1631 REV. E			NELAC:Y
Analyst: W. WATNESS Analysis Date: 04-OCT-13 13:00 Instrument: PREP			
Parameter	Result	Det. Limit	Units
INITIAL WEIGHT OR VOLUME	50		mL
FINAL VOLUME	50		mL

MERCURY IN WATER BY OXIDATION, PURGE & TRAP, AND CVAFS EPA 1631 REV. E						NELAC:Y
Analyst: W. WATNESS Prep: LOW LEVEL MERCURY PREP E	•	Date: 15-OCT-13 08:14	Instrume	nt: CVAA		Test: M420.3.0
Parameter		Result		Det. Limit		Units
MERCURY		1.88			0.5	ng/L
METHOD BLANK		< 0.5				ng/L

## Sample Comments

## < Less Than

Sample was not received on ice at temperature 26.6 C. Sample chain of custody number 087363.

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KS ELAP / NELAP Accreditation # E-10177 Indiana SDWA C-49-01

Karen S. Fillmer

Approved by: KAREN FULLMER 17-OCT-13



Service Location	Received	Lab ID
PACE ANALYTICAL SERVICES, INC. 7901 W. MORRIS ST.	03-OCT-13	A997181
INDIANAPOLIS, IN 46231 (317)243-8304	Completed 16-OCT-13	PO Number BI-WEEKLY DUKE
	Printed	Sampled
	17-OCT-13	03-OCT-13 11:30

Report To ROBIN FELLER JRM ENVIRONMENTAL P.O. BOX 926

**BROWNSBURG, IN 46112-0926** 

Bill To

ROBIN L FELLER

JRM ENVIRONMENTAL INC

PO BOX 926

BROWNSBURG, IN 46112

#### **Sample Description**

CLIENT ID: COLLECTOR WELL #2
MATRIX TYPE: NON-SPECIFIC WATER
SUBMITTER: 9826 - JRM ENVIRONMENTAL

DATA PACKAGE #: N/A

LOCATION: DUKE EDWARDSPORT PROJECT: LOW LEVEL MERCURY

LOW LEVEL MERCURY PREP EPA 1631 REV. E			NELAC:Y
Analyst: W. WATNESS	REP Test: P131.3.0		
Parameter	Result	Det.	Limit Units
INITIAL WEIGHT OR VOLUME	50		mL
FINAL VOLUME	50		mL

MERCURY IN WATER BY OXIDATION, PURGE & TRAP, AND CVAFS EPA 1631 REV. E						NELAC:Y
Analyst: W. WATNESS Prep: LOW LEVEL MERCURY PREP EPA 1631 REV. E P131.	,	Pate: 15-OCT-13 08:14	Instrume	nt: CVAA		Test: M420.3.0
Parameter		Result		Det. Limit		Units
MERCURY		BDL			0.5	ng/L
METHOD BLANK		< 0.5				ng/L

## Sample Comments

< Less Than

**BDL** Below Detection Limit

Sample was not received on ice at temperature 26.6 C.

Sample chain of custody number 087363.

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KS ELAP / NELAP Accreditation # E-10177 Indiana SDWA C-49-01

Karen L. Fullmer

Approved by: KAREN FULLMER 17-OCT-13



Service Location	Received	Lab ID	ı
PACE ANALYTICAL SERVICES, INC. 7901 W. MORRIS ST.	03-OCT-13	A997182	
INDIANAPOLIS, IN 46231 (317)243-8304	Completed 16-OCT-13	PO Number BI-WEEKLY DUKE	
	Printed	Sampled	l
	17-OCT-13	03-OCT-13 11:15	ì

Report To ROBIN FELLER JRM ENVIRONMENTAL

P.O. BOX 926

BROWNSBURG, IN 46112-0926

Bill To

**ROBIN L FELLER** 

JRM ENVIRONMENTAL INC

**PO BOX 926** 

BROWNSBURG, IN 46112

#### **Sample Description**

CLIENT ID: RIVER

MATRIX TYPE: NON-SPECIFIC WATER SUBMITTER: 9826 - JRM ENVIRONMENTAL

DATA PACKAGE #: N/A

LOCATION: DUKE EDWARDSPORT PROJECT: LOW LEVEL MERCURY

LOW LEVEL MERCURY PREP EPA 1631 REV. E					NELAC:Y
Analyst: W. WATNESS Analysis Date: 04-OCT-13 13:00 Instrument: PREP			nt: PREP	Test: P131.3.0	
Parameter		Result		Det. Limit	Units
INITIAL WEIGHT OR VOLUME		50			mL
FINAL VOLUME		50			mL

MERCURY IN WATER BY OXIDATION, PURGE & TRAP	, AND CVAFS EPA 1631 REV	. Е		NELAC:Y
Analyst: W. WATNESS Prep: LOW LEVEL MERCURY PREP EPA 1631 REV. E P131.3.0	Analysis Date: 15-OCT-13 08:14	Instrument: CV	<b>AA</b>	Test: M420.3.0
Parameter	Result	Det. l	_imit	Units
MERCURY	2.69		0.5	ng/L
METHOD BLANK	< 0.5			ng/L

## Sample Comments

#### < Less Than

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KS ELAP / NELAP Accreditation # E-10177 Indiana SDWA C-49-01

Karen S. Fillmer

Approved by: KAREN FULLMER 17-OCT-13



Service Location	Received	Lab ID	
PACE ANALYTICAL SERVICES, INC. 7901 W. MORRIS ST.	03-OCT-13	A997183	
INDIANAPOLIS, IN 46231 (317)243-8304	Completed 16-OCT-13	PO Number BI-WEEKLY DUKE	
	Printed	Sampled	
	17-OCT-13	03-OCT-13 11:00	

Report To

ROBIN FELLER

JRM ENVIRONMENTAL

P.O. BOX 926

BROWNSBURG, IN 46112-0926

Bill To

**ROBIN L FELLER** 

JRM ENVIRONMENTAL INC

PO BOX 926

BROWNSBURG, IN 46112

#### **Sample Description**

CLIENT ID: 501

MATRIX TYPE: NON-SPECIFIC WATER SUBMITTER: 9826 - JRM ENVIRONMENTAL

DATA PACKAGE #: N/A

LOCATION: DUKE EDWARDSPORT PROJECT: LOW LEVEL MERCURY

LOW LEVEL MERCURY PREP EPA 1631 REV. E			NELAC:Y
Analyst: W. WATNESS	Analysis Date: 04-OCT-13 1	3:00 Instrument: PREP	Test: P131.3.0
Parameter	Result	Det. Limit	Units
INITIAL WEIGHT OR VOLUME	50		mL
FINAL VOLUME	50		mL

MERCURY IN WAT	MERCURY IN WATER BY OXIDATION, PURGE & TRAP, AND CVAFS EPA 1631 REV. E									
Analyst: W. WATNES: Prep: LOW LEVEL ME	Ar RCURY PREP EPA 1631 REV. E P131.3.0	nalysis Date: 15-OCT-13 08:14	Instrumer	nt: CVAA		Test: M420.3.0				
Parameter		Result		Det. Limit		Units				
MERCURY		2.53			0.5	ng/L				
METHOD BLANK		< 0.5				ng/L				

## Sample Comments

## < Less Than

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KS ELAP / NELAP Accreditation # E-10177 Indiana SDWA C-49-01

Karen S. Fillmer

Approved by: KAREN FULLMER 17-OCT-13





# COMMERCIAL LABORATORY OPERATIONS 7901 West Morris Street Indianapolis IN 46231 www.heritage-enviro.com (800)827-4374 Fax: (317) 486-5095 HERITAGE ENVIRONMENTAL SERVICES, LLC.

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Customer name/number: $)$ $($		Analyses Requested (Note special detection limits or methods)	Send Report 10: Co: JRM EhV Add:	
	), Other		Attn: Kobin Coller	
PRINT HERITAGE ISK NAME:	Swip		Phone: ( )	Yes
CUSTOMER STATUS: New / Existing	ige,		Fax: ( )	
If no previous credit has been established with Heritage,	-		E-mail:	
			Sample Turn Around Time	ime 
atrix):	f C		Mo Day	<b>∀</b>
			(Accelerated TAT subject to Additional Charge) (Date must be Accepted and Approved by Lab	arge) Lab)
Date Time Ena Sample ID and/or Location Sampled sampled Sample Where your sample was taken	DW, GV Numb		Remarks:	Lab use only Sample No.
10/3/13/10255 SIT FIXED BLANK -	- 1 X			H97179
1.20 M NOw +21 OD 2 16	/ W/X			- S
1 Collector Well #1	  -  -		Off/inc	
/ 1/1:36 X X Collector Well #2 1/11	)   Y			181
V 11:15 PM K River	- - X			182
WW I SO I SO I WW	X			¥ 185
PM				
AM PM				
AM PM				
Received by: (Signature)  DajerTime 1522 Received by: (Signature)		Custody seals present/intact? Yes No	Con	
Relinquished by: (Signature ) Date/Time / Received by: (Signature)		Broken containers?	4 alatora	
		COC agree with sample labels?		
Received by: (Signature)  Date/Time Received by: (Signature)		Correct containers for testing?  Headspace issues acceptable?	Sampling	
Source   Date /3//3 Tem	7.26.6 Yes /	No Preservative pH's acceptable?	Tocetion -	
		Was pH left unadjusted?	501	

Sample Receiving Check Sheet

Line 25 on COC	Line 24 on COC	Line 23 on COC	Line 22 on COC	FILE 51 OIL COC	ling 31 on CO	Line 20 on COC	Line 19 on COC	Line 18 on COC	Line 17 on COC	Line 16 on COC	Line 15 on COC	Line 14 on COC	Line 13 on COC	Line 12 on COC	Line 11 on COC	Line 10 on COC	Line 9 on COC	Line 8 on COC	Line 7 on COC	Line 6 on COC	Line 5 on COC	Line 4 on COC	Line 3 on COC	Line 2 on COC	Line 1 on COC		
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		k			k k														12		ali e					Sulfuric plastic <2	COC ID/Date Received: 07097478
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120028			8 484 18 484	B. 133			174		E : 15498				200				1388				100.1					Residual C12 present Y/N	
200									September Significant September Sept	12.97	2								016							Headspace >1/4" Sample is UNP or other	
			77000000	¥ Y				- A		<b>1</b>		New Application								٧	N	×		7	4	than aqueous Y/N	
					ıldi																					HCL Presered Containers*	
		The state of the s									:90m;		621911						2 20094900						100000	Comments	
				Collillerity.		*pH of HCL preserved		Checked by:	Tracking #	FedEx		1000ml HNO3	500ml HNO3	1000ml H2SO4	500ml H2SO4	120ml NaOH	Preservative sizes for addition:				. מממונוסוו סו נוווס למנסכו אמנואכי	volume initially added	or base to the sample t	record the pH in the bo	Aqueous samples: For		•
						*pH of HCL preserved containers checked by analysts				UPS Courier .		4 mL	2 mL	4 mL	2 mL	1 mL	es for addition:	Aqueous samples: For each sample and container type, check the box if pH is acceptable. If pH is not acceptable for any sample container then record the pH in the box. If approved by the project chemist then add acid or base to the sample to achieve the correct pH. Add up to two times the volume initially added to the sample container. Record pH after the addition of this preservative.									